

IN THE CLAIMS:

Please delete claims 1-46, and add new claims 47-68 as follows:

14
47.

An eyeglass device comprising:

a first frame including

two retaining mechanisms for supporting a pair of lenses, and defining a frontal plane,

a bridge connecting the two retaining mechanisms and holding the two retaining mechanisms together, and

a magnetic member at the bridge for magnetically coupling to another magnetic member at the bridge of a second frame;

wherein:

the bridge of the first frame includes a cavity to receive a protrusion at the bridge of the second frame so as to further secure the attachment of the two frames when coupled; and

when the two frames are secured together, due to the locations of the magnetic members, one of the frames is restricted from moving downwards relative to the other frame.

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48.

An eyeglass device as recited in Claim 47, wherein:

the magnetic member at the bridge of the first frame is in the cavity; and

the second frame's magnetic member is at least a part of the protrusion.

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3j.
49.

An eyeglass device as recited in Claim 47 wherein:

the first frame is an auxiliary frame to be coupled to the second frame, which is a primary frame; and

the magnetic member at the auxiliary frame is a permanent magnet to be coupled to the second frame's magnetic member, which is a magnetizable member.

4.
50.

An eyeglass device comprising:

a bridge configured to connect two retaining mechanism and hold them together, with the two mechanisms for supporting a pair of lenses of a first frame and defining a frontal plane;

and

a magnetic member at the bridge for magnetically coupling to another magnetic member at the bridge of a second frame;

wherein the bridge of the first frame includes a cavity to receive a protrusion at the bridge of the second frame so as to further secure the attachment of the two frames when coupled;

such that when the two frames are secured together, due to the location of the magnetic members, one of the frames is restricted from moving downwards relative to the other frame.

5.
51.

An eyeglass device as recited in Claim 50 wherein:

the magnetic member at the bridge of the first frame is in the cavity; and

the magnetic member at the bridge of the second frame is at least a part of the protrusion.

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52.

4.
An eyeglass device as recited in Claim 50 wherein:

the first frame is an auxiliary frame to be coupled to the second frame, which is a primary frame; and

the magnetic member at the auxiliary frame is a permanent magnet to be coupled to the second frame's magnetic member, which is a magnetizable member.

7.
53.

4.
An eyeglass device as recited in Claim 50 wherein:

the bridge of the auxiliary frame further includes a flange that extends from the bridge of the frame to further secure the attachment of the auxiliary frame to the primary frame; and

the flange includes a vertical extension, extending vertically from the bridge;

such that when the two frames are secured together, the bridge of the primary frame is disposed between frontal plane and at least a portion of the extension.

8.
54.

An eyeglass device comprising:

an auxiliary frame including

two retaining mechanisms for supporting a pair of lenses, and defining a frontal plane,

a bridge connecting the two retaining mechanisms and holding them together,

and

a magnetic member at the bridge; and

a primary frame including

two retaining mechanisms for supporting a pair of lenses,

a bridge connecting the two retaining mechanisms and holding them together,

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and

a magnetic member at the bridge for magnetically coupling to the magnetic member at the bridge of the auxiliary frame;

wherein the bridge of the first frame includes a cavity to receive a protrusion at the bridge of the second frame so as to further secure the attachment of the two frames when coupled;

such that when the two frames are secured together, due to the location of the magnetic members, the auxiliary frame is restricted from moving downwards relative to the primary frame.

9.
55. An eyeglass device as recited in Claim 8 wherein the magnetic member at the bridge of the auxiliary frame is a permanent magnet.

10.
56. An eyeglass device as recited in Claim 8 wherein:
the bridge of the auxiliary frame further includes a flange that extends from the bridge of the frame to further secure the attachment of the auxiliary frame to the primary frame; and
the flange includes a vertical extension, extending vertically from the bridge;

such that when the two frames are secured together, the bridge of the primary frame is disposed between frontal plane and at least a portion of the extension.

11.
57. An eyeglass device comprising:
a primary frame including

two retaining mechanisms for supporting a pair of lenses, and defining a frontal

plane,

a bridge connecting the two retaining mechanisms, and holding them together,

and

a first magnetic member at the bridge for magnetically coupling to a second magnetic member at the bridge of an auxiliary frame;

wherein the bridge of the primary frame includes a cavity to receive a protrusion at the bridge of the auxiliary frame so as to further secure the attachment of the two frames when coupled;

such that when the two frames are secured together, due to the location of the magnetic members, the auxiliary frame is restricted from moving downwards relative to the primary frame.

12.
58. An eyeglass device as recited in Claim 57, wherein:

the bridge of the auxiliary frame further includes a flange that extends from the bridge of the frame to further secure the attachment of the auxiliary frame to the primary frame; and

the flange includes a vertical extension, extending vertically from the bridge;

such that when the two frames are secured together, the bridge of the primary frame is disposed between frontal plane and at least a portion of the extension.

13.
59. An eyeglass device comprising:

a bridge configured to connect two retaining mechanism and hold them together, with the two mechanisms for supporting a pair of lenses of a first frame and defining a frontal plane; and

a magnetic member at the bridge for magnetically coupling to at least a part of the bridge of a second frame, so as to attach the two frames together;

wherein:

the magnetic member at the bridge of the first frame is enclosed by the bridge at least from the front to prevent the magnetic member from being visible from the front when the frame is being worn; and

when the two frames are secured together, the magnetic member is coupled to the bridge of the second frame at a surface not parallel to the frontal plane.

14. 60. An eyeglass device as recited in claim 59, wherein when the two frames are secured together, the magnetic member is coupled to the bridge of the second frame horizontally.

15. 61. An eyeglass device comprising:

a first frame including

two retaining mechanisms for supporting a pair of lenses, and defining a frontal plane,

a bridge connecting the two retaining mechanisms and holding the two retaining mechanisms together, and

a magnetic member at the bridge for magnetically coupling to at least a part of the bridge of a second frame, so as to attach the two frames together;

wherein:

the magnetic member at the bridge of the first frame is enclosed by the bridge at least from the front to prevent the magnetic member from being visible from the front when

the frame is being worn; and

when the two frames are secured together, the magnetic member is coupled to the bridge of the second frame at a surface not parallel to the frontal plane.

116.
62. An eyeglass device as recited in claim 61, wherein:

the bridge of the second frame also includes a magnetic member; and

when the two frames are secured together, the two magnetic members are coupled horizontally.

117.
63. An eyeglass device as recited in Claim 61 wherein the first frame is an auxiliary frame to be coupled to the second frame, which is a primary frame.

118.
64. An eyeglass device as recited in Claim 61 wherein the first frame is a primary frame to be coupled to the second frame, which is an auxiliary frame.

119.
65. An eyeglass device comprising:
a first frame including

two retaining mechanisms for supporting a pair of lenses, and defining a frontal plane,

a bridge connecting the two retaining mechanisms and holding the two retaining mechanisms together, and

a magnetic member at the bridge for magnetically coupling to at least a portion of the bridge of a second frame;

such that:

when the two frames are secured together, the magnetic member is coupled to the bridge of the second frame at a surface not parallel to the frontal plane; and

due to the location of the magnetic member with respect to the bridge of the second frame, one of the frames is restricted from moving downwards relative to the other frame.

20.
66. An eyeglass device as recited in claim 19, wherein:

the bridge of the second frame also includes a magnetic member; and

when the two frames are secured together, the two magnetic members are coupled horizontally.

67. An eyeglass device as recited in Claim 19 wherein the first frame is an auxiliary frame to be coupled to the second frame, which is a primary frame.

22.
68. An eyeglass device as recited in Claim 19 wherein the first frame is a primary frame to be coupled to the second frame, which is an auxiliary frame.